

Form PTO-1449 (Modified)

DEC 10 2001

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
28110/36120CSerial No.
09/905,743

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
Chadwick, B. et al.Filing Date
July 13, 2001Group
1644

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U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
PP	A1	4,683,195	07/28/87	Mullis et al.	435	6	—
	A2	4,946,778	08/07/90	Ladner et al.	435	69.6	—
	A3	4,965,188	10/23/90	Mullis et al.	435	6	—
	A4	5,202,231	04/13/93	Drmanac et al.	435	6	—
	A5	5,525,464	06/11/96	Drmanac et al.	435	6	—
	A6	4,235,871	11/25/80	Papahadjopoulos et al.	424	19	—
	A7	4,501,728	02/26/85	Geho et al.	424	38	—
	A8	4,737,323	04/12/88	Martin et al.	264	4.3	—
	A9	4,837,028	06/06/89	Allen	424	450	—
↓	A10	4,959,314	09/25/90	Mark et al.	435	69.1	—
PNH	A11	09/182,449		Ford			07/24/98
↓	A12	09/118,205		Ford			07/16/98
↓	A13	09/240,639		Chadwick et al.			1/29/99

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
AP	B1	WO 90/03382	04/05/90	WO	—	—	—	—
↓	B2	WO 90/14148	11/29/90	WO	—	—	—	—

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AP	B3	WO 91/09955	07/11/91	WO	—	—	—	—
	B4	WO 92/20808	11/26/92	WO	—	—	—	—
	B5	WO 94/12650	06/09/94	WO	—	—	—	—
	B6	WO 95/09248	04/06/95	WO	—	—	—	—
	B7	WO 96/30532	10/03/96	WO	—	—	—	—
	B6	WO 96/32471	10/17/96	WO	—	—	—	—
	B9	2148851	10/11/96	CA	—	—	—	—
↓	B10	WO 00/04041	1/27/00	WO	—	—	—	—

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AP	C1	Hicks-Berger, C.A. et al., "Expression and Characterization of Soluble and Membrane-bound Human Nucleoside Triphosphate Diphosphohydrolase 6 (CD39L2)," <i>J. Biol. Chem.</i> , 275(44):34041-34045 (2000).
	C2	Chadwick, B.P. et al., "Cloning and Mapping of a Human and Mouse Gene with Homology to Ecto-ATPase Genes," <i>Mammalian Genome</i> , 8:668-672(1997).
	C3	Chadwick, B.P. et al. "cDNA Cloning and Chromosomal Mapping of a Mouse Gene with Homology to NTPases," <i>Mammalian Genome</i> , 9:162-164 (1998).

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Amy D. Olsen

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	C4	Chadwick B.P. et al., "The CD39-like Gene Family: Identification of Three New Human Members (CD36L2, CD39L3, and CD39L4), Their Murine Homologues, and a Member of the Gene Family from <i>Drosophila melanogaster</i> ," <i>Genomics</i> , 50:357-367(1998).
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	C12	Bayer, E.A. et al., "The Avidin-Biotin Complex in Affinity Cytochemistry," <i>Meth. Enzym.</i> , 62:308-315 (1979).
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	C16	Breslauer, K.J. et al., "Predicting DNA Duplex Stability from the Base Sequence," <i>Proc. Natl. Acad. Sci., USA</i> , 83: 3746-3750 (1986).
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	C19	Burnstock, G., "The Past, Present and Future of Purine Nucleotides as Signalling Molecules," <i>Neuropharmacology</i> , 36:1127-1139 (1997).
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	C23	Cooney, M. et al., "Site-Specific Oligonucleotide Binding Represses Transcription of the Human c-myc Gene in Vitro," <i>Science</i> , 15241:456-459 (1988).
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	C26	Daly, J. et al., "Direct Method for Determining Inorganic Phosphate in Serum with the "CentrifilChem", <i>Clin. Chem.</i> , 18:263-265 (1972).
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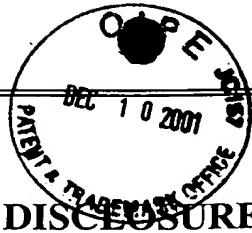
Arrows	C28	Dolinnaya, N.G. et al., "The use of BrCN for assembling modified DNA duplexes and DNA-RNA hybrids; comparison with water-soluble carbodiimide," <i>Nucleic Acids Res. (ENGLAND)</i> , 19(11):3067-72 (1991).
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	C30	Drmanac, R et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method, <i>Genomics</i> , 4:114-128 (1989).
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	C33	Drmanac, R. et al., "Sequencing By Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program?" <i>Proceedings of the First International Conference Electrophoresis Supercomputing Human Genome</i> , Cantor et al., (Eds.), World Scientific Publishing Co., Singapore, pp. 47-59 (1991).
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Downward arrow	C38	Duncan, C.H. et al., "Affinity Chromatography of a Sequence-Specific DNA Binding Protein using Teflon-linked Oligonucleotides," <i>Anal. Biochem.</i> , 169:104-108 (1988).

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AO	C39	Engval, E. et al., "Enzyme-Linked Immunosorbent Assay, ELISA III. Quantitation of Specific Antibodies by Enzyme-Labeled Anti-Immunoglobulin in Antigen-Coated Tubes, <i>Immunol.</i> , 109:129-135 (1972).
	C40	Fischer Y. et al., "Purinergic Inhibition of Glucose Transport in Cardiomyocytes," <i>J. Biol. Chem.</i> , 274:755-761 (1999).
	C48	Friedmann, T., "Progress Toward Human Gene Therapy," <i>Science</i> , 244: 1275-1281 (1989).
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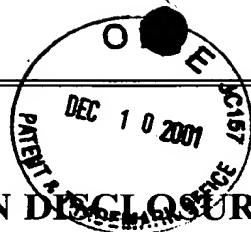
D	C51	Inouye, S. <i>et al.</i> , "Microplate Hybridization of Amplified Viral DNA Segment," <i>J. Clin. Microbiol.</i> , 28:1469-1472 (1990).
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EXAMINER	<i>Amy DeMone</i>	DATE CONSIDERED
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AV	C63	Makita, K. <i>et al.</i> , "Placental ecto-ATP diphosphohydrolase: its structural feature distinct from CD39, localization and inhibition on shear-induced platelet aggregation," <i>International J. Hematology</i> , 68:297-310 (1998).	
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EXAMINER <i>Ann Do Pham</i>	DATE CONSIDERED <i>1-7-03</i>
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✓	C75	Paterson, B.M. et al., "Structural Gene Identification and Mapping by DNA-mRNA Hybrid-Arrested Cell-Free Translation," <i>Proc. Natl. Acad. Sci.</i> , 74:4370-4374 (1977).
✓	C76	Paunesku, T. et al., "Origin of Rat β -Globin Haplotypes Containing Three and Five Genes," <i>Mol. Biol. Evol.</i> , 7:407-422 (1990).
✓	C77	Pease, A.C. et al., "Light-generated Oligonucleotide Arrays for Rapid DNA Sequence Analysis," <i>Proc. Natl. Acad. Sci., USA</i> , 91:5022-5026 (1994).
✓	C78	Pevzner, P.A., "1-Tuple DNA Sequencing: Computer Analysis," <i>J. Biomol. Struct. & Dyn.</i> , 7(1):63-73 (1989).
✓	C79	Pontius, B.W. et al., "Rapid Renaturation of Complementary DNA Strands Mediated by Cationic Detergents: A Role for High-Probability Binding Domains in Enhancing the Kinetics of Molecular Assembly Processes," <i>Proc. Natl. Acad. Sci., USA</i> , 88:8237-8241 (1991).
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✓	C82	Rowe, M. et al., "Monoclonal Antibodies to Epstein-Barr Virus-Induced, Transformation-Associated Cell Surface Antigens: Binding Patterns and Effect Upon Virus-Specific T-Cell Cytotoxicity," <i>Int. J. Cancer</i> , 29:373-381 (1982).
✓	C83	Sambrook, J. et al., <i>In: Molecular Cloning A Laboratory Manual</i> , 2nd Ed., Cold Springs Harbor Press, pp. 9.14-9.28 (1989).
✓	C84	Schoenborn, M.A. et al., "Gene Structure and Chromosome Location of Mouse Cd39 Coding for an Ecto-Apyrase," <i>Cytogenetics & Cell Genetics</i> , 81:287-289 (1998).
✓	C85	Schriefer, L.A. et al., "Low Pressure DNA Shearing: A Method for Random DNA Sequence Analysis," <i>Nucleic Acids Res. (ENGLAND)</i> , 18 (24):7455-6 (1990).
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